

# Will Epperson

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## EDUCATION:

### Georgia Institute of Technology, Atlanta, GA

August 2016 – Present

- Candidate for Bachelor of Science in Computer Science
- Threads in Intelligence and Information Internetworks, Minor in Spanish
- Honors Program
- Stamps President's Scholar

Expected Graduation: May 2020

GPA: 4.0

- Full ride scholarship including money for enrichment activities awarded to 40 incoming freshmen

### Holy Innocents' Episcopal School, Atlanta, GA

August 2012 – May 2016

## PROJECTS:

### Automated Algorithm Design Research

January 2018 – Present

- Implemented sentiment analysis pipeline to analyze news articles to aid in predicting stock price movements using Genetic Algorithms. Current project is to visualize the genetic algorithm evolution process.

### Atlanta Crime Map

January 2018 – Present

- Leading a team as part of Data Science Club at GT to create a predictive policing tool to help the campus police department in using their data to predict crime in and around campus.

### Citadel Datathon

February 2018

- Created paper about how to make cities safer at Citadel and Correlation One's Datathon at Georgia Tech by using Machine Learning tools like scikit-learn to draw insights from various datasets. Team placed top 3.

### JIRA Voice

October 2017

- Created category-winning Amazon Alexa skill using Amazon AWS and NodeJS to connect to Atlassian's JIRA Agile management software to allow for verbal control of team management at HackGT.

### RECONSO Research

February 2017 – December 2017

- Developed interface between core state machine and battery systems on Avionics team of student-led cube satellite project. Learned C while working on project.

## WORK & EXPERIENCE:

### Ultimate Software Weston, FL

May 2018 – August 2018

#### *Software Development Intern, Innovation Strategies Team*

- Developed and published Slack app and integration for UltiPro HR management tool to be used by customers. Currently in beta with 30,000+ users.
- Used Typescript, Node, and MongoDB and unit testing frameworks.

### The Home Depot Atlanta, GA

May 2015 – August 2015

#### *Software Development Intern*

- Developed Web App for tracking candidate progress throughout the hiring process for internal HR use.
- Worked in Java, HTML5, CSS, JavaScript, MySQL, and related technologies.

## LEADERSHIP & ACTIVITIES:

### Stamps Scholars National Convention – Threads Co-chair

January 2018 – Present

- Executive board member of Stamps Scholars National Convention, a 3-day conference with over 700 student attendees.
- Responsible for a committee around planning and coordinating the different content threads of the convention.

### Undergrad Teaching Assistant

August 2017 – Present

- TA for CS4400 – Intro to Database Systems focusing on relational database design and SQL.
- Responsibilities include office hours, grading, and project creation.

## SKILLS:

**Languages:** Python, Java, C, MySQL, HTML, CSS, JavaScript (with jQuery and D3), Typescript

**Programs & Frameworks:** macOS, Microsoft Windows, Ubuntu Linux, Tableau, Git, Scikit-learn

**Fundraising:** Lead fundraising efforts for JDRF and for AYUDA

**Foreign Languages:** Advanced Spanish